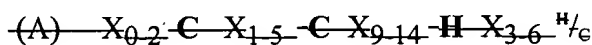


Amendments to the Specification:

Please replace the paragraph beginning at page 7, line 5, with the following re-written paragraph:

--In general, a preferred zinc finger framework has the structure

D1



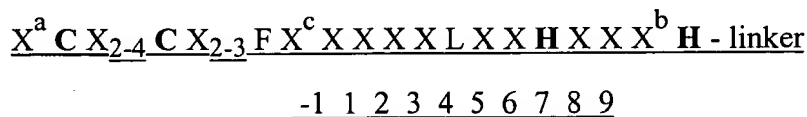
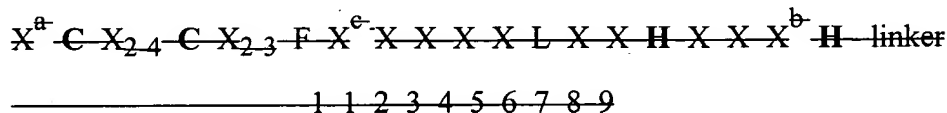
(Cys10 etc.)

where X is any amino acid, and the numbers in subscript indicate the possible numbers of the residues represented by X.--

Please replace the paragraph beginning at page 7, line 12, with the following re-written paragraph:

--In a preferred aspect of the present invention, zinc finger nucleic acid binding motifs may be represented as motifs having the following primary structure:

D2



Link

D2
cm

wherein X (including X^a, X^b and X^c) is any amino acid. X₂₋₄ and X₂₋₃ refer to the presence of 2 or 4, or 2 or 3, amino acids, respectively. The Cys and His residues, which together co-ordinate the zinc metal atom, are marked in bold text and are usually invariant, as is the Leu residue at position +4 in the α -helix.--

Please replace the paragraph beginning at page 7, line 22 with the following re-written paragraph:

D3

--Modifications to this representation may occur or be effected without necessarily abolishing zinc finger function, by insertion, mutation or deletion of amino acids. For example, it is known that the second His residue may be replaced by Cys (Krizek *et al.*, (1991) J. Am. Chem. Soc. 113:4518-4523) and that Leu at +4 can in some circumstances be replaced with Arg. The Phe residue before X_c may be replaced by any aromatic other than Trp. Moreover, experiments have shown that departure from the preferred structure and residue assignments for the zinc finger are tolerated and may even prove beneficial in binding to certain nucleic acid sequences. Even taking this into account, however, the general structure involving an α -helix co-ordinated by a zinc atom which contacts four Cys or His residues, ~~does not alter~~ is not altered. As used herein, structures (A) and (B) above are taken as an exemplary structure representing all zinc finger structures of the Cys2-His2 type.--

Please replace the paragraph beginning at page 15, line 9 with the following re-written paragraph:

DF

~~--Randomisation involves may involve of zinc finger polypeptides at the DNA or protein~~ Randomization of zinc finger polypeptides may involve randomization at the

D4
mut

DNA or protein level. Mutagenesis and screening of zinc finger polypeptides may be achieved by any suitable means. Preferably, the mutagenesis is performed at the nucleic acid level, for example by synthesizing novel genes encoding mutant proteins and expressing these to obtain a variety of different proteins. Alternatively, existing genes can be themselves mutated, such by site-directed or random mutagenesis, in order to obtain the desired mutant genes.--
